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(21) International Application Number: PCT/CA99/00038 (22) International Filing Date: 18 January 1999 (18.01.99) (30) Priority Data: 2,220,853 16 January 1998 (16.01.98) CA (71) Applicant (for all designated States except US): HSC RESEARCH AND DEVELOPMENT LIMITED PART- NERSHIP [CA/CA]; Suite 5270, 555 University Avenue, Toronto, Ontario M5G 1X8 (CA). (72) Inventor; and (75) Inventor/Applicant (for US only): ROIFMAN, Chaim, M. [CA/CA]; 33 Christine Crescent, North York, Ontario M2R 1A4 (CA). (74) Agent: RAE, Patricia, A.; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	

(54) Title: **HUMAN LYMPHOID PROTEIN TYROSINE PHOSPHATASES**

(57) Abstract

The invention provides a human gene encoding two new cytoplasmic phosphatases, Lyp1 and Lyp2, as well as the proteins and methods for preparing and using the described gene and proteins.

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